Flight-Testing Newton's Laws			
2010 21st Century Science			
Standards and Objectives			
West Virginia 21st Century Science			
Grade 9 (Grade Nine Physical Science)			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-1 (1-17)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-2 (1-10)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-3 (1-6)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-4 (1-11)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-5 (1-6)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-6 (1-8)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-7 (1-5)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-8 (1-9)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Session-9 (1-7)	WV	SCI.9.SC.O.PS.2.15	conduct experiments to verify the inverse square relationship between gravity, distance and intensity of light and sound.
Flight-Testing Newton's Laws			
2010 21st Century Science			
Standards and Objectives			
West Virginia 21st Century Science			
Grades 9-12 (High School Physics)			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.
Session-1 (1-17)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.
Session-2 (1-10)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.
Session-3 (1-6)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.

Session-5 (1-6)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.
Session-6 (1-8)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.
Session-7 (1-5)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.
Session-8 (1-9)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.
Session-9 (1-7)	WV	SCI.9-12.SC.O.P.2.5	justify Newton’s Laws of Motion in terms of equilibrium and net force situations.